# Koch, Kristine

From: Penoyar, Susan <PenoyarSJ@cdmsmith.com>

Sent: Monday, November 25, 2013 2:15 PM

To: Koch, Kristine

**Subject:** FW: Notes from CDM/Anchor QEA Cost Call 11/25/13

HI Kristine. John Verduin provided the following – I see he emailed it to Chip so I am forwarding to you. Thanks!

### - Susan

**From:** John Verduin [mailto:jverduin@anchorqea.com]

Sent: Monday, November 25, 2013 2:10 PM

To: Penoyar, Susan; Hazen, Gary; Broadstone, Abby

Cc: Jeff Warren; Carl Stivers; James McKenna; Humphrey, Chip (Humphrey.Chip@epa.gov)

Subject: Notes from CDM/Anchor QEA Cost Call 11/25/13

Susan/Abby/Gary – here are my notes from this morning's call. Please let me know if I capture anything incorrectly.

## On Call

- CDM Smith: Susan Penoyar, Abby Broadstone, and Gary Hazen
- Anchor QEA: John Verduin and Jeff Warren

### Cost Backup

• Tables 1 thru 30 are helpful and should be sufficient for CDM's needs

## **Present Value Analysis**

- Table 31 is helpful
- Still need to get the backup and breakdown of the unit costs for the different elements of the Long Term Monitoring, Maintenance, and Operations and Institutional Controls. Anchor QEA will provide more detail on this request.

## **Supplemental Cost Tables**

• The example format Anchor QEA provided (Table 32) isn't exactly what CDM was needs. CDM requests that the table presented in Exhibit 6-2 of USEPA guidance document "A Guide to Developing and Documenting Cost Estimates During the Feasibility Study" be used as a template. Doesn't have to be exactly like the Exhibit, but it provides the level of detail CDM is requesting. Anchor QEA will provide an updated table.

Anchor QEA will target completing this task by the December holidays (week of December 23<sup>rd</sup>), pending LWG approval.

#### **Thanks**

John

Do Not Quote or Cite - Preliminary Discussion Draft - May Contain Errors - Restricted Distribution

John R. Verduin, III, PE

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